

Calvin Nguyen

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EDUCATION

SAN JOSE STATE UNIVERSITY

B.S. IN SOFTWARE ENGINEERING

Dec 2020 <> San Jose, CA

Dean's Scholar

GPA: 3.6 / 4.0

LINKS

Github:// [calvinqc](#)

LinkedIn:// [calvinqc](#)

Medium:// [@calvinqc](#)

Twitter:// [calvinqc_](#)

Website:// [calvinqc.com](#)

SKILLS

PROGRAMMING

Back-end:

Node.js • Express.js • Go • Echo

Java • Spring • Kafka • gRPC

Front-end:

React • Redux • Javascript

Bootstrap • Cordova

Database:

MongoDB • MySQL • knex.js

DEVOPS

Google Cloud:

Compute Engine • Cloud Storage

Kubernetes • Cloud DNS

AWS:

ECS • EC2 • ECR • S3

Route 53 • Amplify

Tools:

Docker • nginx • CI/CD

MOBILE

Swift/ SwiftUI • Android

COURSEWORKS

Data Structures + Algorithms

Operating Systems

Artificial Intelligence

Object Oriented Design

Computer Networks

Database Management System

AWARDS

PayPal Emoji Hackathon Winner

SJ Tech Challenge Judge's Lead

3rd place in SJSU Hackathon

OBJECTIVE

Graduating student with **3 years of extensive full-stack development, specialized in server-side**. Capable of picking up new skills to ship scaling apps to production quickly. Seeking for **Fall 2020 Co-op** and **Full-time Software Engineering** starting Jan 2021.

EXPERIENCES

IMI.AI <> FULL-STACK SOFTWARE ENGINEER

Dec 2018 - Present | Part-time

- Developing micro-services infrastructure using Go, Node, gRPC, REST.
- Maintaining front-end and server on Cloud Storage, and Compute Engine.
- Co-managing 2 SW interns to support web dashboard UI.
- Created Node REST API to support mobile and web applications.
- Optimized server performance with Node clusters to handle APIs concurrently.
- Built a real-time notification with SocketIO, Redis Pub/Sub, and Firebase.
- Reduced 45% cost of deploying and updating frontend dashboard.
- Deployed web app from prototype to production in 6 months.

PAYPAL INC. <> WEB/IOS ENGINEERING INTERN

Summer 2018, Summer 2019 | San Jose, CA

- Built iOS libraries to develop Contactless Card Handler using Swift.
- Boosted testing experience of mPOS device faster by 3x in iOS and Android.
- Worked directly with **Genessa Nannini** to build and release onCampus, collecting data of on-campus events for leaders.
- Developed UI using Cordova, HTML/ CSS/ JavaScript/ Mustache.
- Intensive back-end development with Kraken.js, PostgreSQL.
- Experience with Use-Case, Class and Sequence diagrams using UML.

MEDIUM <> TECH WRITER

Oct 2019 - Present | Freelance

- Publishing articles biweekly, get over 5k+ views and 2k+ reads per month.
- Featured on Top Writer of TheStartup - largest Medium's publication.
- I wrote about a variety of Tech tutorials, news, tips and tricks on Server-side programming for developers.

UC BERKELEY <> CS 61B LAB ASSISTANT

Aug 2016 - May 2017 | Berkeley, CA

- Assisted students with homework, projects, and labs in a Data Structure course of 900+ students, taught in Java.

PROJECTS

DEGREE INSIGHT <> TECH LEAD

January 2019 - May 2020 | San Jose, CA

- Led a team of 4 to plan and develop educational platform for students.
- Bootstrap a balancing degree plan and meet graduation requirements on-time.
- Fastened the on-boarding process by scanning transcripts using Cloud Vision.

TRIVIN <> NODE CLI OWNER

- Trivin comes with different blueprints to help developers jumpstart full-stack app with 1 command-line.